



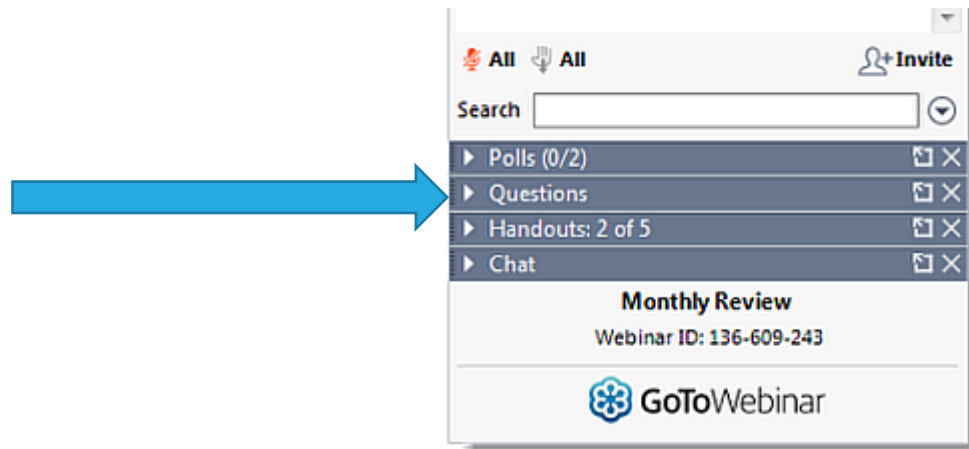
Rail Industry Day

**The Virginia Department of Rail and Public Transportation
& Virginia Railway Express**

February 24, 2021

Housekeeping

- All attendees are muted to avoid audio interference
- Please log off and try logging back into the meeting if you experience issues
- Please contact Tech Support for assistance (804) 592-7985 if problems persist.
- Type all questions into the attendee Question panel on the right



Introduction and Welcome

Jennifer Mitchell, Director DRPT

Rich Dalton, CEO VRE

DRPT/VPRA & VRE Procurement Overview

Melissa Myers, Procurement Officer DRPT

Kristin Nutter, Manager, Purchasing & Contract Administration VRE

Richard Gordon, Transportation Business Development Specialist DSBSD

DRPT/VPRA PROCUREMENT OVERVIEW

MELISSA MYERS – PROCUREMENT OFFICER

ADVERTISING METHODS

DRPT and Future VPRA Website (TBD):

<http://www.drpt.virginia.gov/finance-procurement/overview/>

Virginia's eProcurement Portal:

“eVA” <https://eva.virginia.gov/>



UPCOMING PROCUREMENT OPPORTUNITIES

- Franconia-Springfield Bypass – Preliminary Engineering Design
 - To be advertised for PE design consultant in 2021
- DRPT General Engineering Consultant (GEC) Contract
 - Request for Proposals (RFP) to be posted late Feb / early March
 - Assist w/ engineering oversight on capital projects - rail & transit
 - DRPT to carry up to three qualified firms
 - One year contract with two one-year renewal options
 - Term limit of \$5M per year
- DRPT General Planning Consultant (GPC) Contract
 - To be advertised in August 2021 and initiated in early 2022
 - Assist DRPT w/ rail planning & project feasibility analysis, financial planning & analysis, environmental analysis, public participation, and other rail planning support services
 - DRPT to carry up to five qualified firms / teams
 - Three year contract with two one-year renewal options

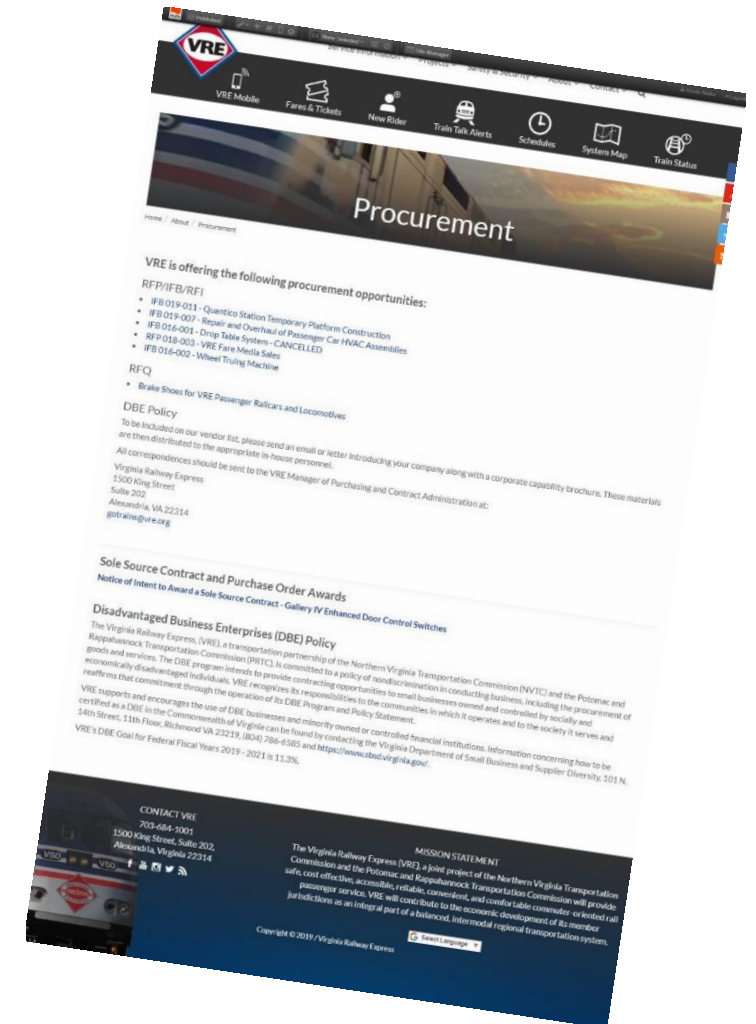


VRE PROCUREMENT OVERVIEW

KRISTIN NUTTER – MANAGER, PURCHASING AND CONTRACT ADMINISTRATION

ADVERTISING METHODS

- VRE Website:
WWW.VRE.ORG/ABOUT/PROCUREMENT
- VRE LinkedIn Site:
WWW.LINKEDIN.COM/COMPANY/VIRGINIA-RAILWAY-EXPRESS
- Virginia's eProcurement Portal:
“eVA” EVA.VIRGINIA.GOV
- Other Print and Electronic Publications:
 - Mass Transit Magazine
 - The Washington Post
 - The Free Lance-Star



UPCOMING PROCUREMENT OPPORTUNITIES

OPERATIONS/MECHANICAL

Delivery of Lubricating Oil
Rehabilitation of Wheelsets and Traction Motor Assemblies
Repair and Overhaul of Airbrake Equipment
Renewal of Locomotive Head End Power Engine Systems

FACILITIES MAINTENANCE

Canopy Roof Replacement at the Backlick Road Station
Franconia-Springfield Station Painting
Modernization of VRE Woodbridge Station East Elevator
Office Renovations
Overhaul of Emergency Generators
Pavement Repairs and Striping

ACCOUNTING & FINANCE

Banking Services for VRE and PRTC

INFORMATION TECHNOLOGY

Website Management Services
Variable Messaging System Replacement



DBE & SWaM PARTICIPATION ENCOURAGED



- Bidders / Offerors required to identify within their Bid/Proposal the DBE/SWaM certified businesses included on their team
 - Level of DBE / SWaM participation encouraged varies by contract based on the funding source
-
- VRE's DBE Goal for Federal Fiscal Years 2019 - 2021 is 11.3% for federally-assisted contracts
 - DRPT's SWaM goal for the Fiscal Year 2021 is 42% and the DBE goal is 4.6%
 - SWaM is a state program of the Commonwealth of Virginia



Virginia Department of Small Business & Supplier Diversity certifies DBE and SWaM and maintains a directory of certified DBE and SWaM businesses

DBE / SWaM Certification Questions Contact

- Richard Gordon
- Transportation Business Development Specialist
- Virginia Department of Small Business and Supplier Diversity
- Email; richard.gordon@sbsd.virginia.gov
- Phone: 571-315-5010

Question & Answer Session

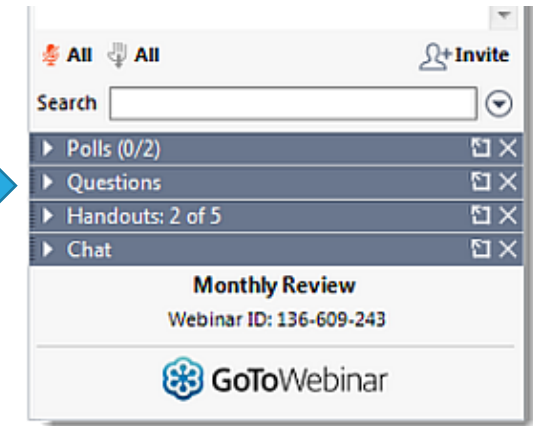
Procurement Overview (5 minutes)

Melissa Myers, Procurement Officer DRPT

Kristin Nutter, Manager, Purchasing & Contract Administration VRE

Richard Gordon, Transportation Business Development Specialist DSBSD

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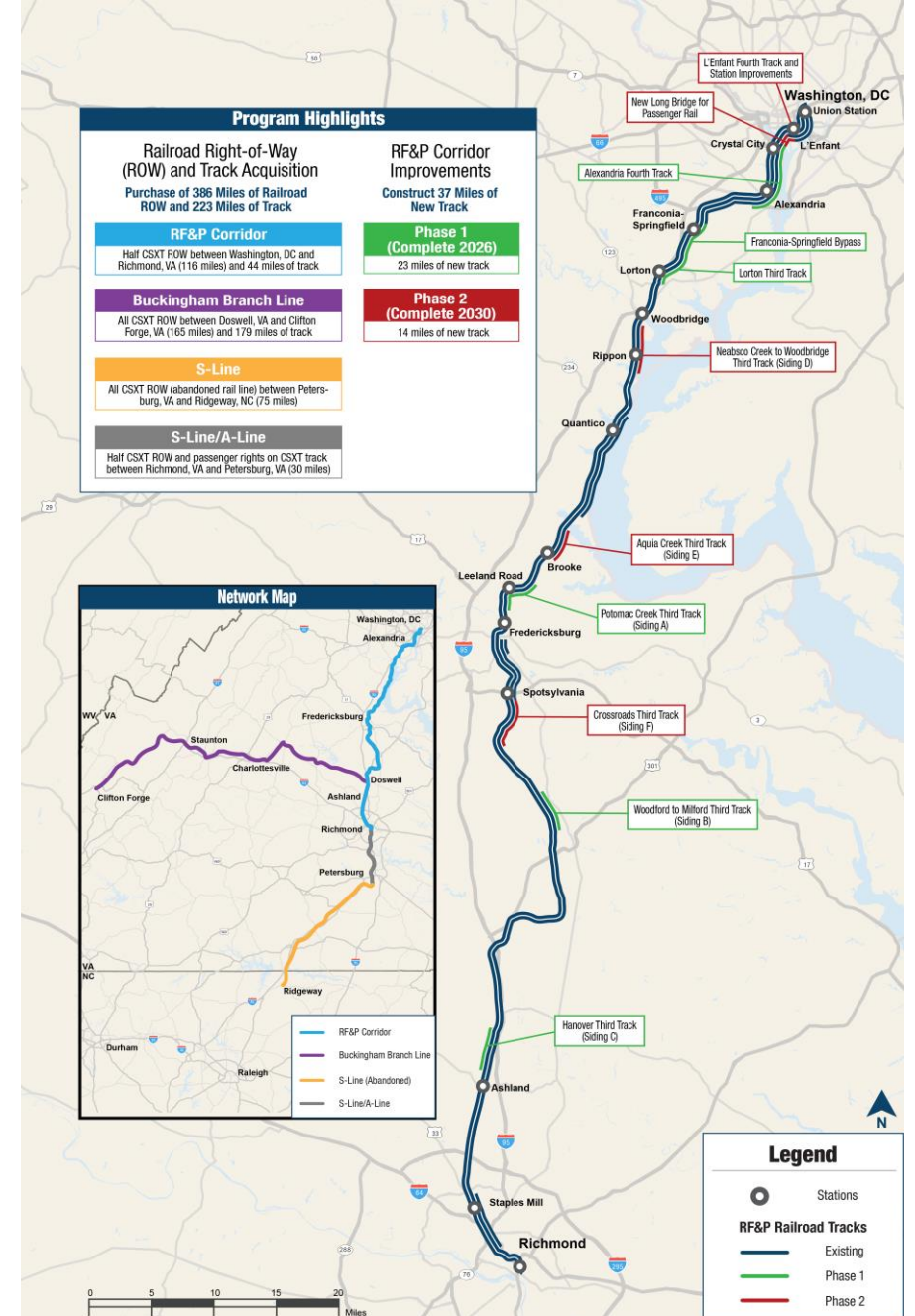
DRPT Program Overview

Transforming Rail in Virginia

Michael McLaughlin, Chief of Rail DRPT

Transforming Rail in Virginia Capital Program

- Of the \$3.7 Billion TRV Program announced in December 2019, \$3.2 billion is for capital projects.
 - The \$3.2 billion includes all program and project costs, including contingency and escalation to Year of Expenditure.
- The projects will be constructed in phases:
 - Phase 1 to be completed ~ 2026
 - Phase 2 to be completed ~ 2030
- Virginia is close to finalizing the definitive legal agreements with CSX, Amtrak, and VRE on the \$3.7 billion TRV Program.
 - All parties will be close partners with the Commonwealth on service, design, and construction
- All contracts have an assignment clause to VPRRA



Virginia Passenger Rail Authority

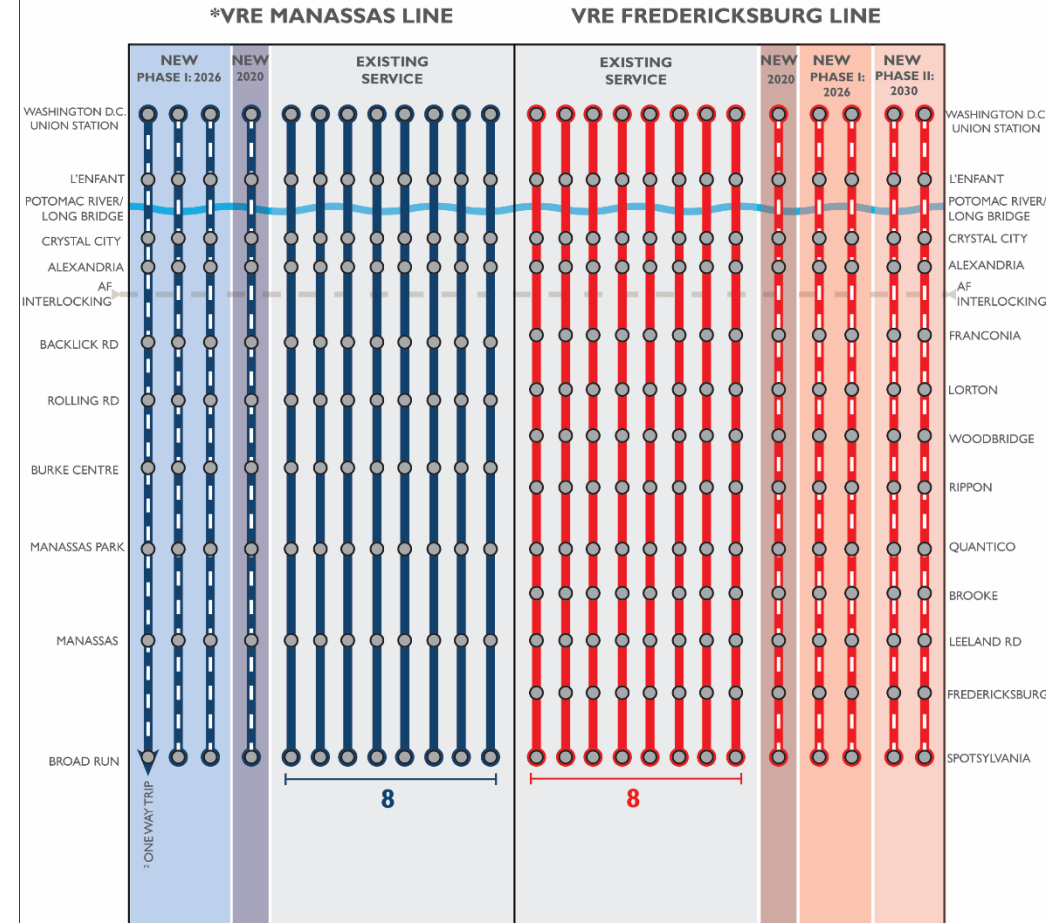
- Created in 2020 General Assembly Session
- Given all powers necessary or convenient for carrying out its statutory purposes, including:
 - Design, build, finance, operate, and/or maintain rail facilities
 - Direct recipient of USDOT Grants
 - Eminent domain powers
- Will own all rail assets and right of way
- Will partner with others to operate passenger and commuter rail service
- Governed by a 15 member Board
 - Board meetings commenced in October of 2020
- General Assembly Summer authorized DRPT Staff to work on behalf of VPRA



Completion of Phases Correspond with New Passenger Service

- Proposed Future Virginia Railway Express (VRE) Service Plan
 - Service on the Manassas Line is contingent on agreement with Norfolk Southern

VIRGINIA-CSX RAIL PROPOSAL VRE SERVICE PLAN



DATE: 12/18/2019

VIRGINIA RAILWAY EXPRESS (VRE) ROUTES IN VIRGINIA, EXISTING AND PROPOSED

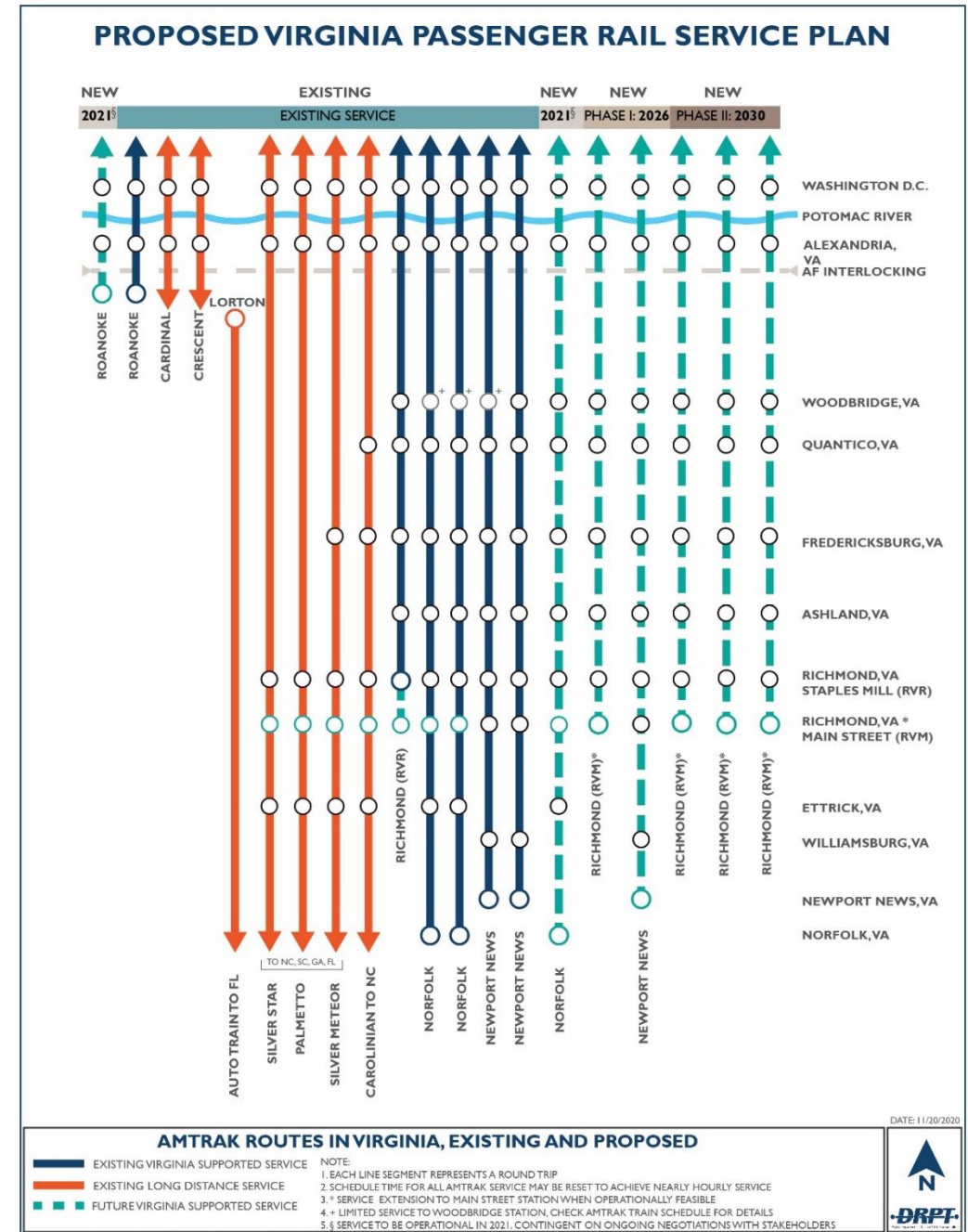
- STATION
- MANASSAS LINE
- FREDERICKSBURG LINE
- FUTURE MANASSAS LINE
- FUTURE FREDERICKSBURG LINE

NOTE:

1. * SUBJECT TO AGREEMENT WITH NORFOLK SOUTHERN
2. EACH LINE SEGMENT REPRESENTS A ROUND TRIP EXCEPT WHERE NOTED
3. FUTURE WEEKEND SERVICE BEGINNING IN PHASE I

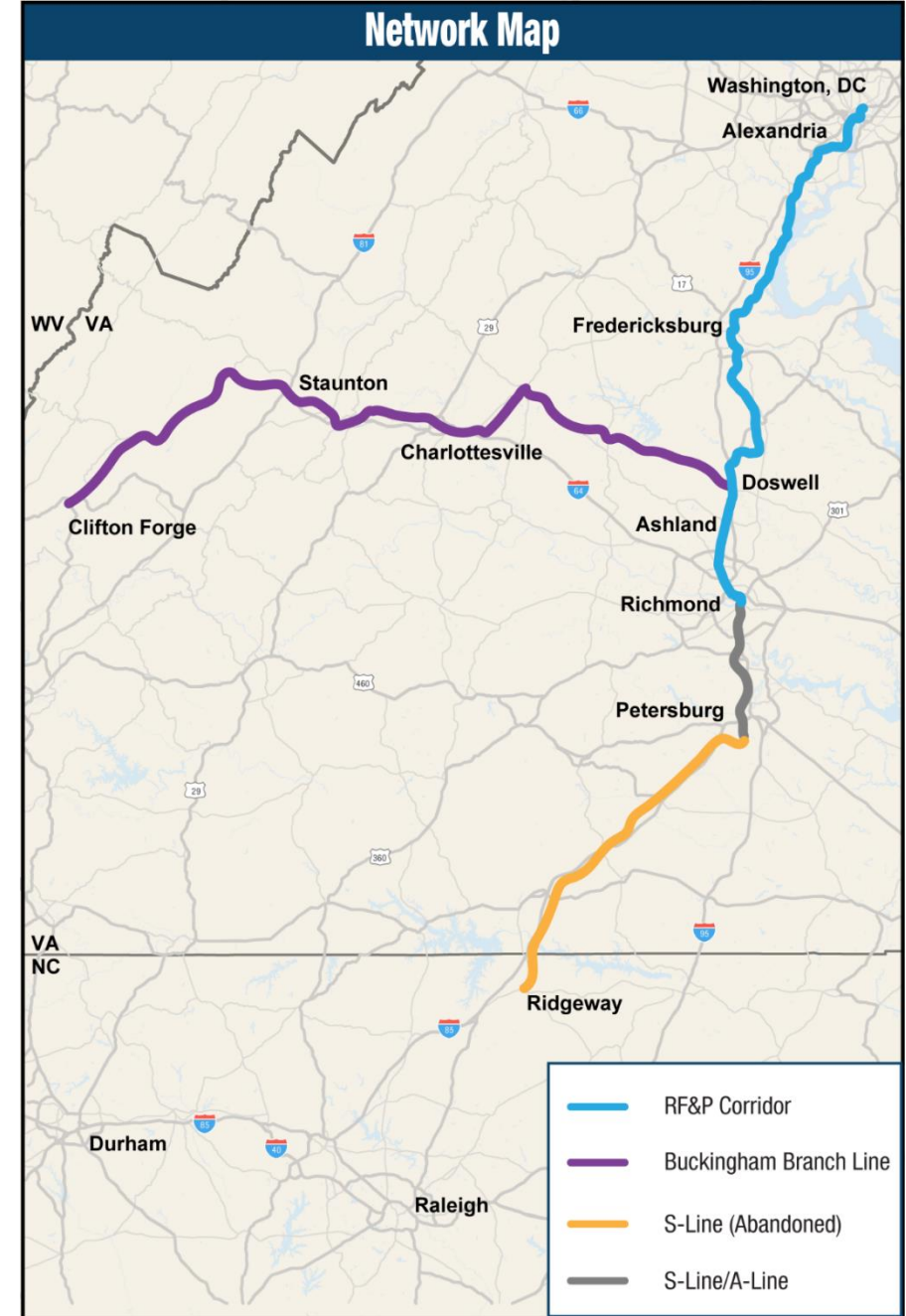


- Proposed Future Amtrak Service Plan
 - Service to Roanoke is contingent on agreement with Norfolk Southern



Acquisition

- The acquisition map stretches from the nation's capital to the Allegheny Mountains to North Carolina.
- Phases 1 and 2 are concentrated on the RF&P from Washington to Richmond.
- Virginia is purchasing half of the RF&P right of way.
 - Will allow Virginia to construct a dedicated 2-track passenger corridor.
- Full acquisition of the Buckingham Branch from Doswell to Clifton Forge
- Acquisition of CSX property along the abandoned S-Line from Petersburg to NC



Northern Virginia and DC Projects

Program Highlights

Railroad Right-of-Way (ROW) and Track Acquisition

Purchase of 386 Miles of Railroad ROW and 223 Miles of Track

RF&P Corridor

Half CSXT ROW between Washington, DC and Richmond, VA (116 miles) and 44 miles of track

Buckingham Branch Line

All CSXT ROW between Doswell, VA and Clifton Forge, VA (165 miles) and 179 miles of track

S-Line

All CSXT ROW (abandoned rail line) between Petersburg, VA and Ridgeway, NC (75 miles)

S-Line/A-Line

Half CSXT ROW and passenger rights on CSXT track between Richmond, VA and Petersburg, VA (30 miles)

RF&P Corridor Improvements

Construct 37 Miles of New Track

Phase 1 (Complete 2026)

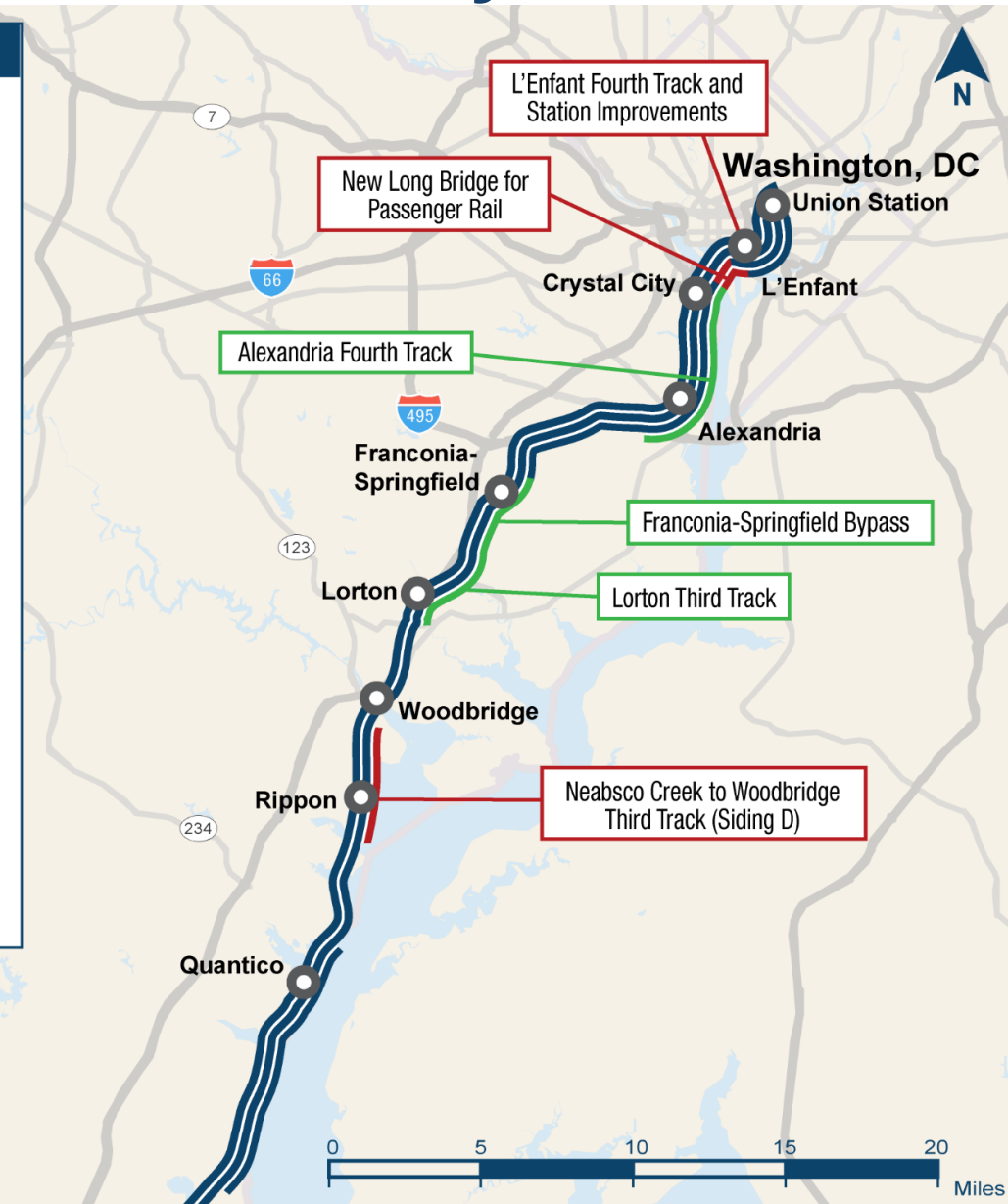
23 miles of new track

Phase 2 (Complete 2030)

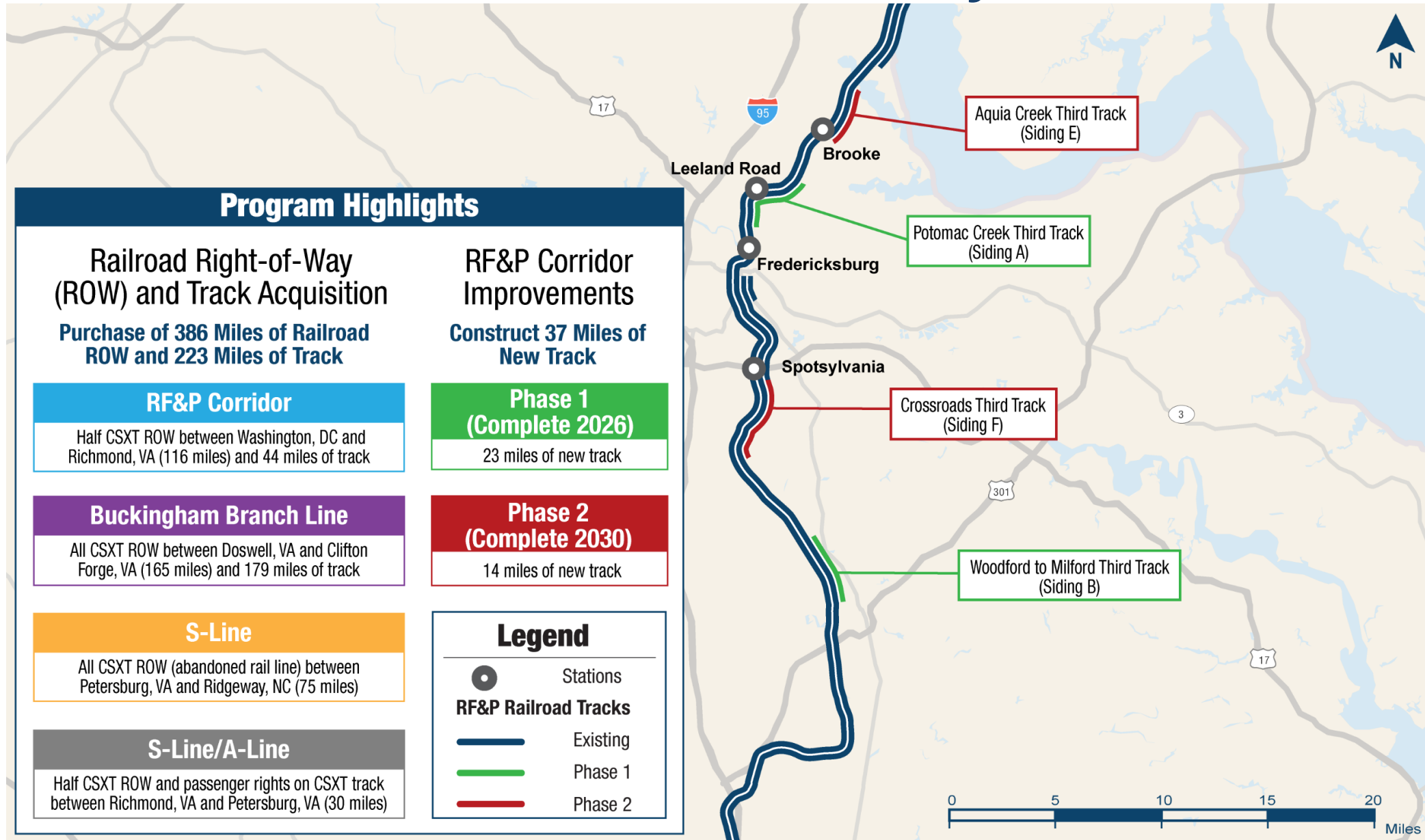
14 miles of new track

Legend

- Stations
- RF&P Railroad Tracks**
 - Existing
 - Phase 1
 - Phase 2



Central RF&P Area Projects



Southern RF&P Area Projects

Program Highlights

Railroad Right-of-Way (ROW) and Track Acquisition

Purchase of 386 Miles of Railroad ROW and 223 Miles of Track

RF&P Corridor

Half CSXT ROW between Washington, DC and Richmond, VA (116 miles) and 44 miles of track

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RF&P Corridor Improvements

Construct 37 Miles of New Track

Phase 1 (Complete 2026)

23 miles of new track

Phase 2 (Complete 2030)

14 miles of new track

Legend



Stations

RF&P Railroad Tracks



Existing



Phase 1

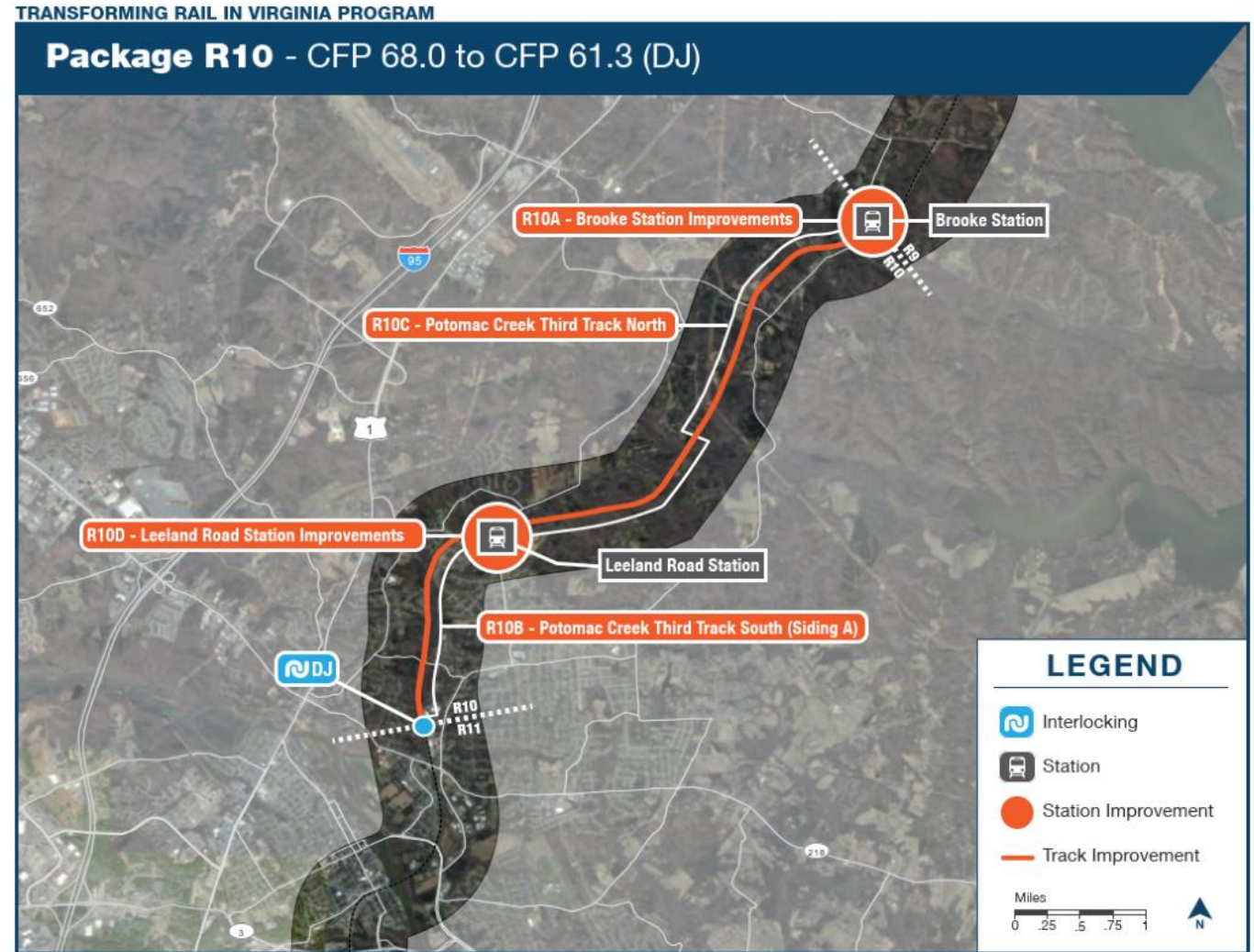


Phase 2



Close Coordination with Partners

- DRPT is already working with VRE to align projects in the corridor.
- Example: Stafford County



DRPT Procurement Projects

Fyiad Constantine, Director of Northern Virginia Rail Projects DRPT

DRPT Led Procurement

Franconia-Springfield Bypass

- \$298 million all-in budget (YOE)
- Concept Level design completed
- Environmental Clearance in-progress: Categorical Exclusion
- Procurement for Preliminary Engineering Design in 2021
- Franconia-Springfield Bypass PE Scope: New two-track structure approx. 1700' long; Approx. 2900' Earth retaining structures; Earthen embankments; Approx. one mile of track-work coordinated with CSXT designed tie-ins at each end



DRPT Project Updates

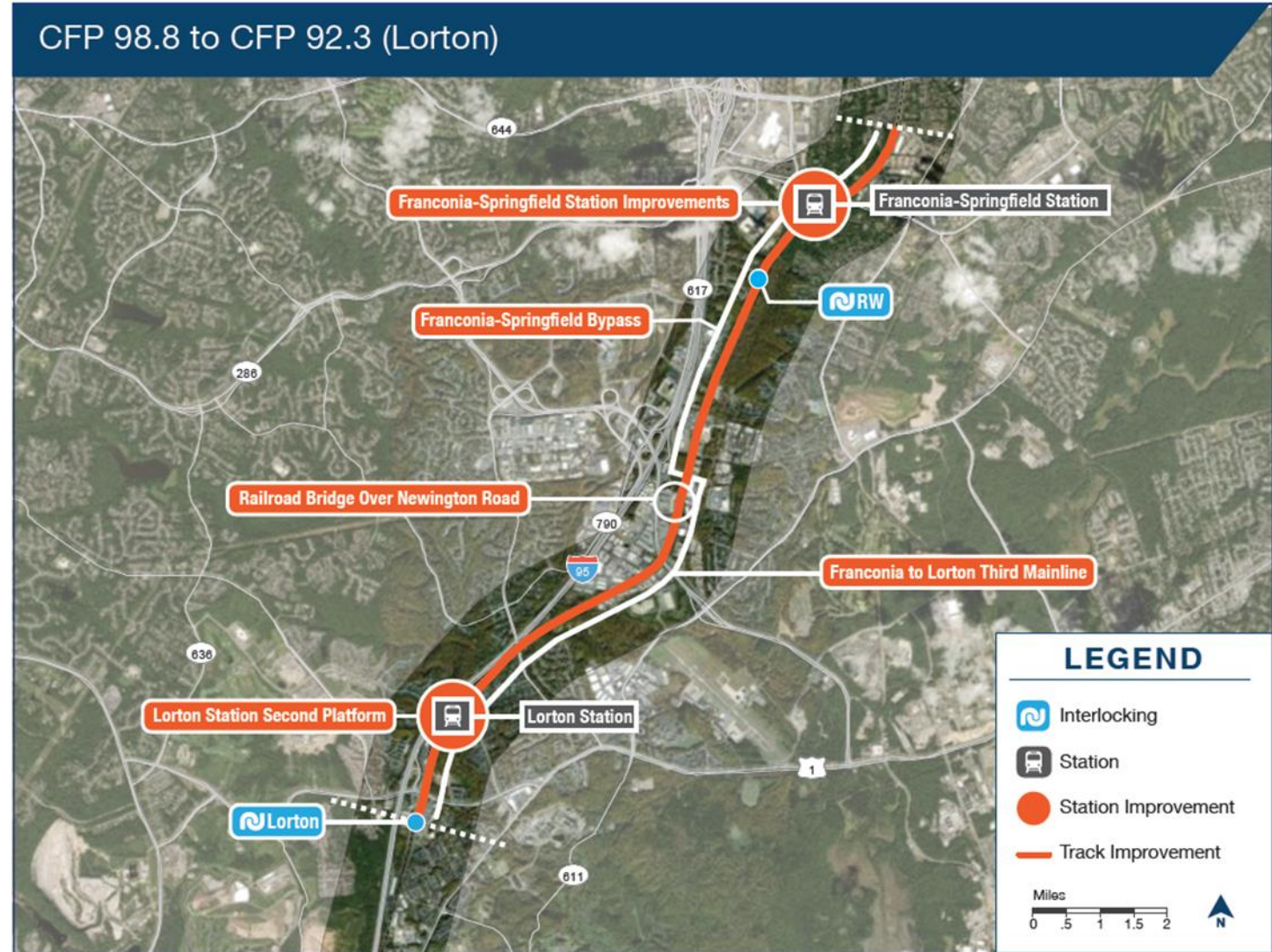
Fyiad Constantine, Director of Northern Virginia Rail Projects DRPT

Todd Hopkins, Engineering Manager DRPT

Katherine Youngbluth, Manager, Northern Virginia Rail Projects DRPT

Franconia to Lorton Projects

- Franconia to Lorton 3rd track is a 6+-mile Segment; extends the current 3rd track corridor from Franconia to Alexandria; includes replacement of the rail structures over Newington Rd. & Route 1
- Franconia Bypass just south of the Franconia Station will allow passenger trains to crossover to serve VRE Stations on the west north of Franconia and on the east south of Franconia.



Project Status and Next Steps

3rd Track

- \$208 million all-in budget (YOE) - 3rd Track
- Rail Bridges over Newington Rd. & Route 1 – separate funding
- PE (30%) complete
- Environmental Clearance in-progress: Categorical Exclusion
- Final Design will begin in 2021; Construction will begin in 2023 with completion in 2025

Bypass

- \$298 million all-in budget (YOE)
- Mixture of funding sources
- Concept Level design
- DRPT Led PE Procurement
- Environmental Clearance in-progress: Categorical Exclusion
- Design to begin in 2021; Construction will begin in 2023 with completion in 2026



DC to Richmond Sidings

- The Phase 1 and 2 siding locations - from Woodbridge to Hanover County
- Approximately 3-4 miles in length; strategically placed 3rd tracks; allows freight and passenger trains to utilize the sidings improving fluidly from Washington, DC to Richmond. Approx. ~ 472 Million all-in Budget (YOE).

6 sidings:

- | | |
|---|-------------------------|
| • Siding A: Potomac Creek near Leeland Station | Phase 1 |
| • Siding B: Woodford Milford in Caroline County | Design: 2021 - 22 |
| • Siding C: Hanover Siding north of Ashland | Construction: 2022 - 25 |
| • Siding D: Neabsco Creek south of Rippon | Phase 2 |
| • Siding E: Aquia Creek north of Brook Station | Design: 2022 – 23 |
| • Siding F: Crossroads south of Spotsylvania | Construction: 2027 – 30 |
- Sidings A, D, E & F, when combined with other 3rd tracks on the ground or in development, will be the start of a dedicated 3rd track passenger corridor (to be completed in Phases 3 and 4) from Alexandria to Spotsylvania, which is the end of the VRE Territory.



Alexandria 4th Track Project: “AF to RO”

- The project will design & construct 6 miles of fourth track between the AF (Alexandria) and RO (Rosslyn) Interlockings.
- 3 Fredericksburg line tracks and 2 Manassas line tracks – which carry all of the Commonwealth’s VRE and Amtrak passenger trains in addition to freight traffic – converge into 3 tracks at the AF interlocking in Alexandria.
- The new track will be coordinated with the Crystal City Station and Alexandria Station projects performed by VRE.
- Project received a \$45 million FASTLANE grant from US DOT in 2016.
- When complete CSX will convey an existing track on the west to Virginia.



Project Status and Next Steps

- AF to RO is one of the first project segments to be advanced as part of the DC2RVA project.
- DC2RVA Tier II EIS complete in Sept. 2019 - environmental clearance for AF to RO achieved through DC2RVA project.
- PE plans were completed for the full DC2RVA project corridor and DRPT is close to finalizing AF to RO PE Signature Plans.
- Early works project package for a crash wall at Airport Access Road in Arlington – pulled from the AF to RO project – will satisfy the grant requirement of construction start w/in 18 months of DOT grant agreement execution.
- AF to RO is fully funded; project budget is \$164 million (year of expenditure dollars)
- CSX will be leading final design and construction as the right of way to build the project is on the east on CSX land.
- Final Design estimated to be complete in 2022 and Construction estimated for 2025 completion



Long Bridge

- In order to add more freight and passenger rail, the biggest rail bottleneck on the East Coast – Long Bridge – needs to be addressed.
- Long Bridge carries almost 80 trains a day over a 100-year old 2-track bridge.
- The bridge is at 98% capacity during peak hours.
- Environmental clearance started in 2016 and was finalized in September 2020; names Virginia as the lead on design and construction.



Project Phases and Activities

2016-2020 NEPA

FEIS/ROD :
9/3/2020

Preferred Alternative
Selected

Order of magnitude
cost: \$1.9 billion

Determined
Mitigation
Commitments

2021-2023 Preliminary Engineering

PE Contract Award:
January 2021

Advance Design from
15% to 30%

Determine Project Delivery
Method

Land Acquisition
Activities

Begin Environmental
Mitigations

Agreements with Partner
Organizations

2023-2030 Final Design & Construction

Design-Build
OR
Design-Bid-Build

Land Acquisition
Activities

Permitting

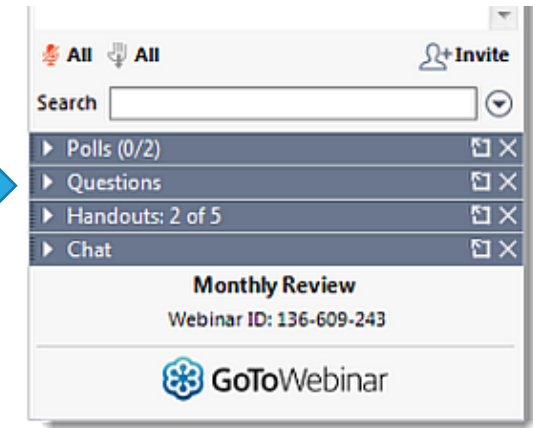
Final Design and
Construction

Question & Answer Session

DRPT Program & Projects (10 minutes)

DRPT Staff

- If you have questions at this time, please type them into the Question panel
- We may not have time for all questions, but we will follow up with you after the event



VRE Overview

Rich Dalton, CEO VRE

VRE GOVERNANCE

- Joint project of NVTC and PRTC
- Commissions own VRE but delegate many actions to the Operations Board thru the VRE Master Agreement
- Operations Board consists of Commission board members from nine VRE jurisdictions plus the chairman of the CTB or designee
- Operations Board coordinates development, operation of the service, fiscal oversight





VIRGINIA RAILWAY EXPRESS

Providing commuter rail service since 1992

Runs on existing railroad tracks

Serving Washington, D.C. and Northern Virginia

*Carries long-distance commuters
to D.C., Arlington & Alexandria*

Consisting of two lines, 82 track miles

Adds peak capacity to I-95/I-395 & I-66 corridors

Providing 20,000 daily trips

Commuters who would otherwise drive alone in cars



VRE Program Overview

Rich Dalton, CEO VRE

VRE CAPITAL IMPROVEMENTS PLAN

BUDGET			
Project Type	Project Cost	Funded	Unfunded
Asset Management	\$77.6	\$77.6	
Expansion	\$606.6	\$492.9	(\$113.7)
Replacement & Rehabilitation	\$134.1	\$134.1	
Other	\$0.3	\$0.3	
Total	\$818.6	\$704.9	(\$113.7)

VRE DEVELOPMENT DEPARTMENT

*System planning, project development,
design and construction*



Dallas Richards
Chief Engineer



Christine Hoeffner
Manager,
Project Development

VRE PROJECT MANAGERS



Adeel Mysorewala

- Alexandria Station Improvements
- Backlick Road Station Improvements
- Broad Run Expansion
- Manassas Park Parking Expansion
- Rolling Road Station Improvements



Sonali Soneji

- Crystal City Station Improvements
- L'Enfant Station Improvements



Kip Foster

- Quantico Station Improvements
- Lifecycle Overhaul and Upgrade Facility
- Potomac Shores Station



Jake Craig

- Franconia-Springfield Station Improvements
- Brooke Station Improvements
- Leeland Road Station Improvements
- Fredericksburg Station Rehabilitation



Chris Kocher

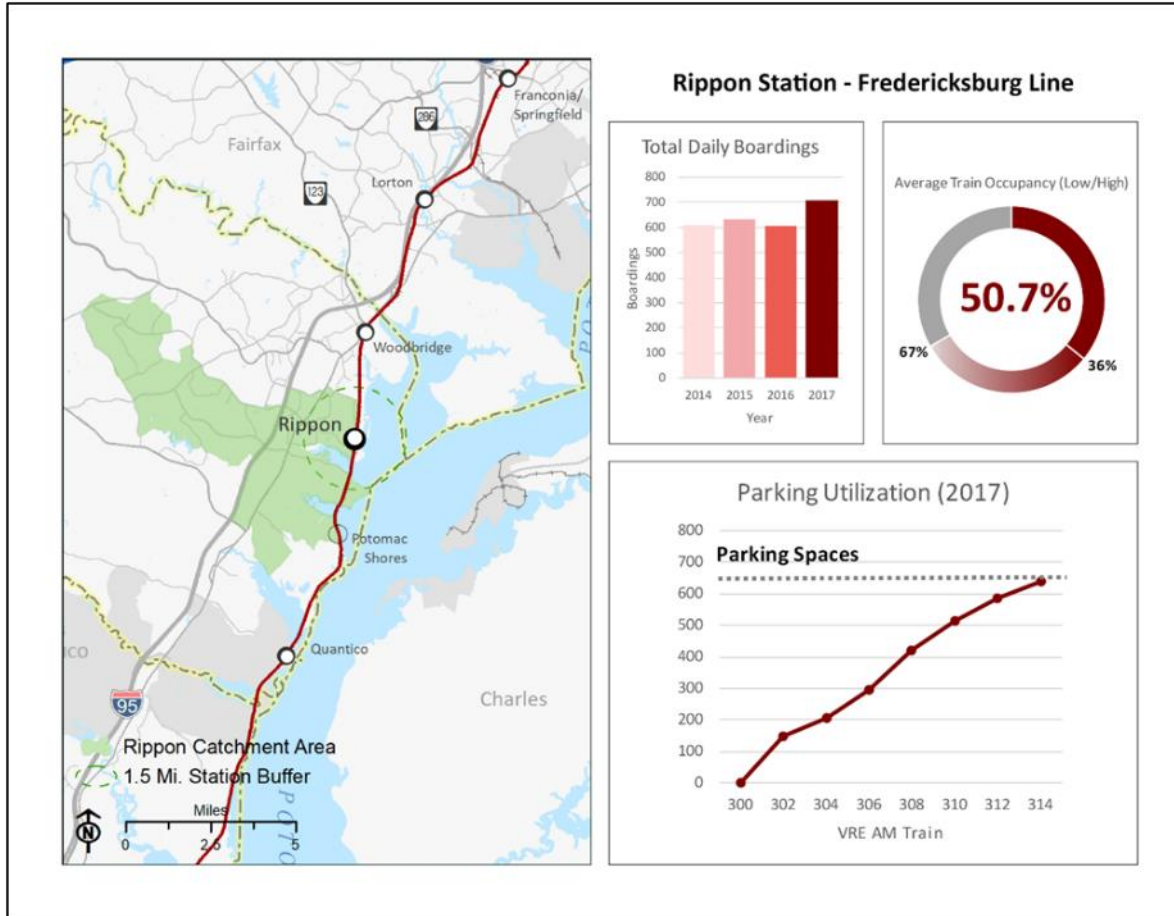
- New York Avenue Midday Storage Facility

VRE Project & Procurement Updates

Christine Hoeffner, Manager of Project Development VRE

Dallas Richards, Chief Engineer VRE

GENERAL PLANNING CONSULTANT (GPC)



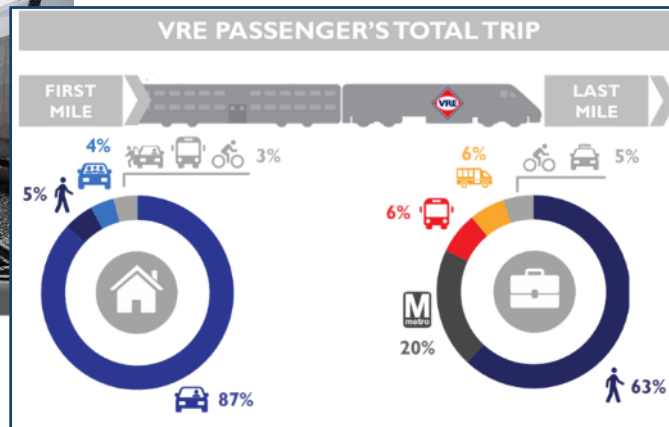
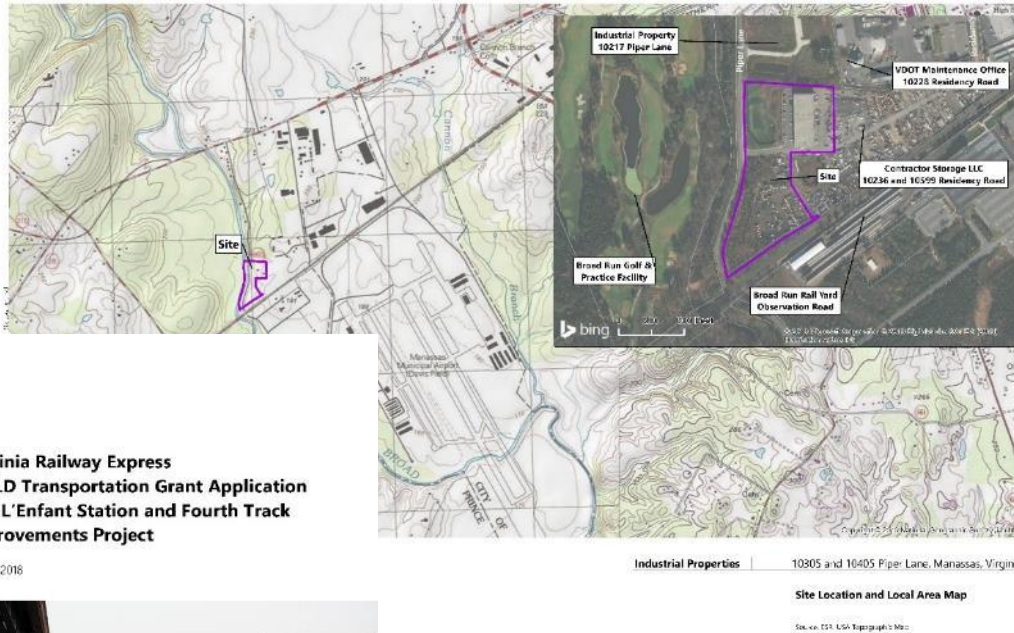
- Existing GPC contract expires in November 2021
- Estimated October 2021 award of new GPC contract
- Potential contract terms
 - Base year + option year(s)
 - One or multiple consultants (TBD)
 - Contract value to be within the limits established by the Virginia Public Procurement Act

Contact

Christine Hoeffner

CHOEFFNER@VRE.ORG

POTENTIAL GPC TASK AREAS



- Feasibility studies, conceptual and preliminary design
 - Crossroads MSF Expansion
 - Leeland Rd. Parking Improvements
 - Manassas Station Improvements
- Short- and long-term system planning
- Ridership forecasts and travel market analyses
- NEPA/environmental review
- Grant application preparation
- Surveys and data collection (e.g., National Transit Database)
- Regulatory compliance support (e.g., VPDES, Title VI)

CRYSTAL CITY STATION IMPROVEMENTS



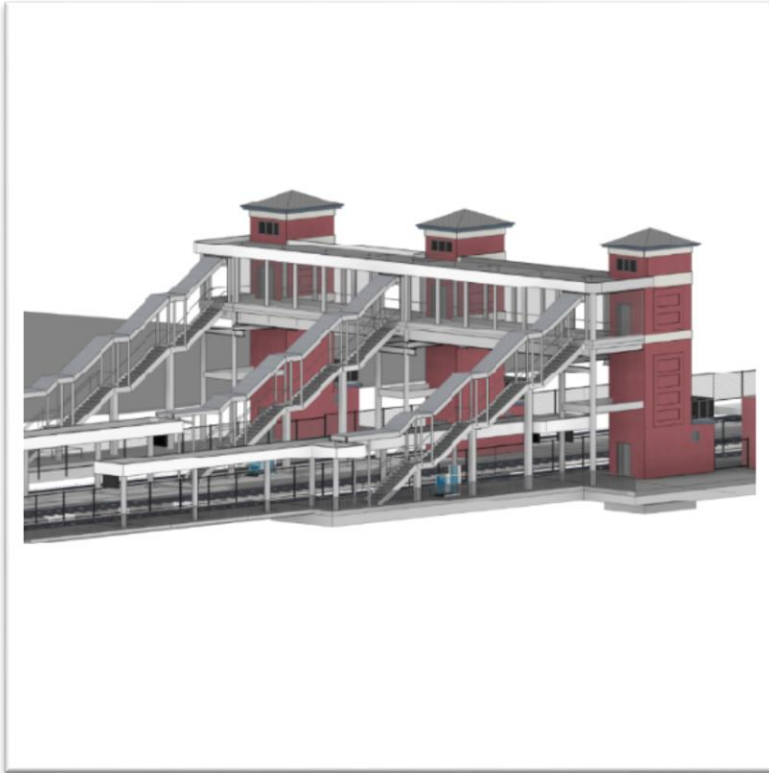
Project Manager
Sonali Soneji
[SSONEJI@VRE.ORG](mailto:ssoneji@vire.org)

- Relocation and expansion of the VRE Crystal City Station
 - NEPA review underway
 - Final design to be initiated in coming months
- Next expected procurement will be related to construction

Anticipated Project Schedule

Phase	Start Date	Finish Date
Development	12/01/2016	06/30/2021
Property Acquisition	07/01/2020	06/30/2021
Final Design	01/15/2021	08/26/2022
Construction	11/01/2022	10/31/2024

2020 SUCCESSES



QUANTICO

- IFBs issued
- Lessons learned

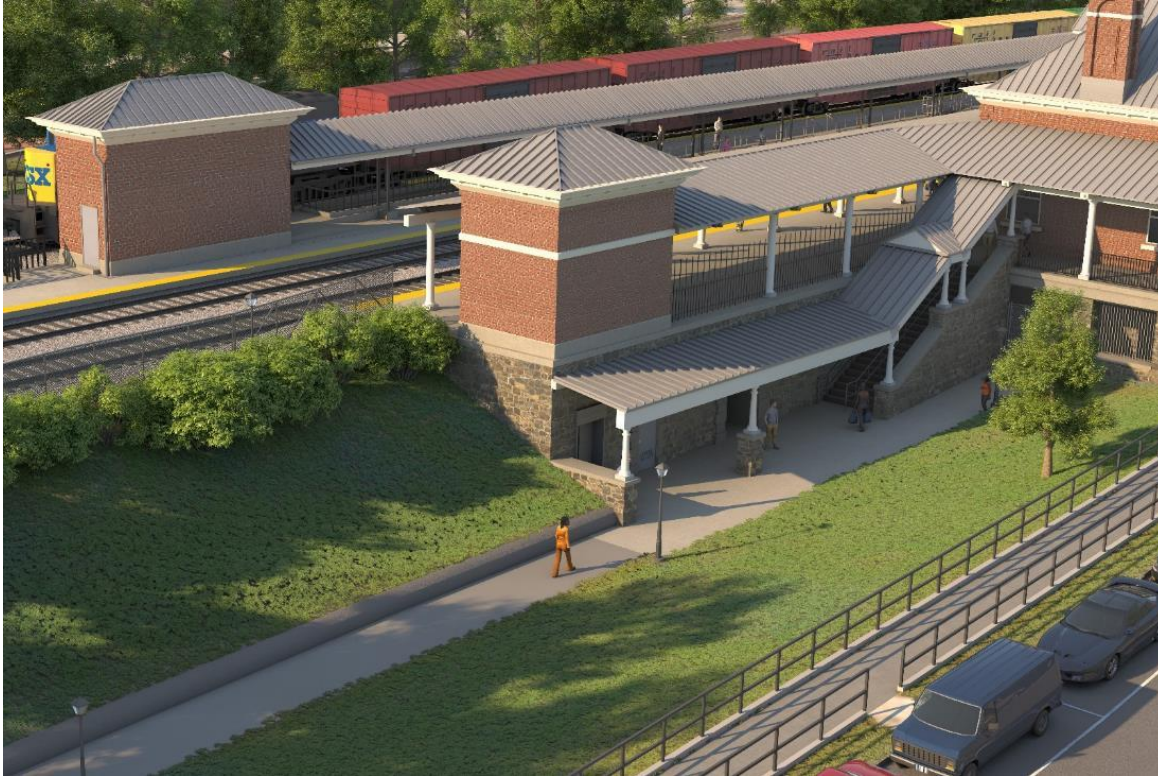


ROLLING ROAD



**LIFECYCLE OVERHAUL &
MAINTENANCE FACILITY**

ALEXANDRIA STATION IMPROVEMENTS

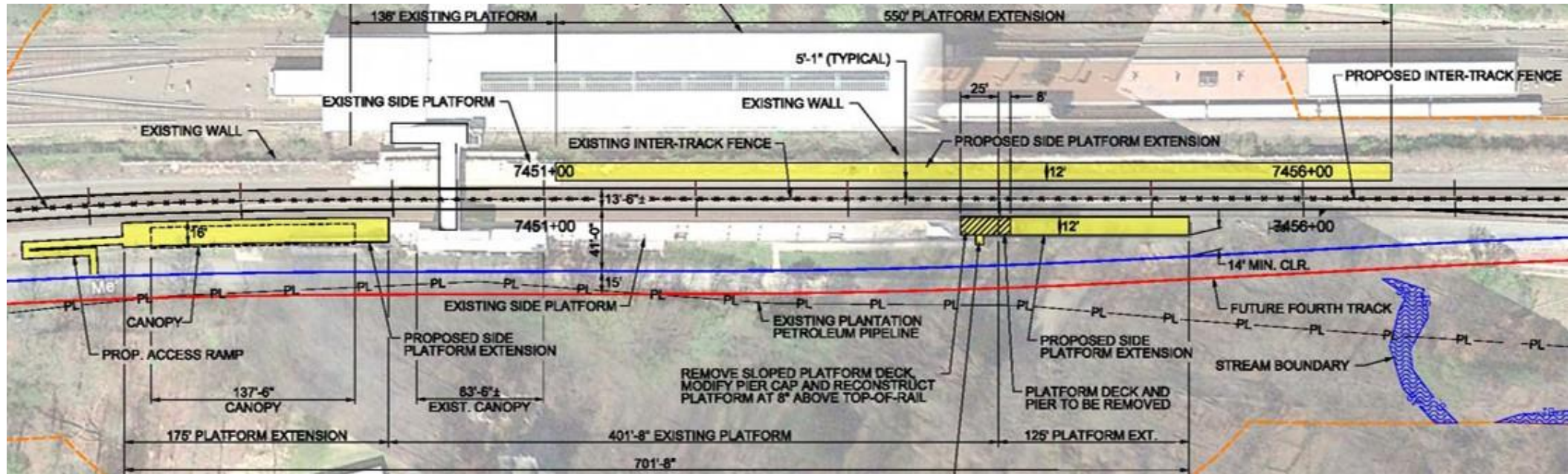


Project Manager
Adeel Mysorewala, P.E.
AMYSOREWALA@VRE.ORG

- Platform reconstruction (center and side)
- Two new elevators
- Eliminate pedestrian grade-crossing
- CM/GC RFP coming soon

Anticipated Project Schedule		
Phase	Start Date	Finish Date
Development	09/01/2016	08/02/2019
Property Acquisition	05/09/2019	05/09/2019
Final Design	08/05/2019	07/30/2021
Construction	08/02/2021	04/03/2023

FRANCONIA-SPRINGFIELD STATION IMPROVEMENTS



- 90% Complete Design Plans
- East and West Platform Extensions
- To be completed before DRPT's third track project

Project Manager

Jake Craig, PE

JCRAIG@VRE.ORG

Anticipated Project Schedule

Phase	Start Date	Finish Date
Development	08/04/2016	11/30/2018
Property Acquisition	-	-
Final Design	10/22/2018	07/14/2021
Construction	06/02/2021	09/20/2023

FREDERICKSBURG STATION REHABILITATION



- 90% Complete Design Plans
- East & West Platform Extensions & Repairs
- Repairs to Sophia St. and Charles St. Bridges

Project Manager

Jake Craig, PE

JCRAIG@VRE.ORG

Anticipated Project Schedule

Phase	Start Date	Finish Date
Development	07/14/2017	10/14/2019
Property Acquisition	05/05/2020	03/16/2021
Final Design	10/15/2019	05/14/2021
Construction	06/25/2021	08/08/2022

MANASSAS PARK PARKING EXPANSION



Anticipated Project Schedule

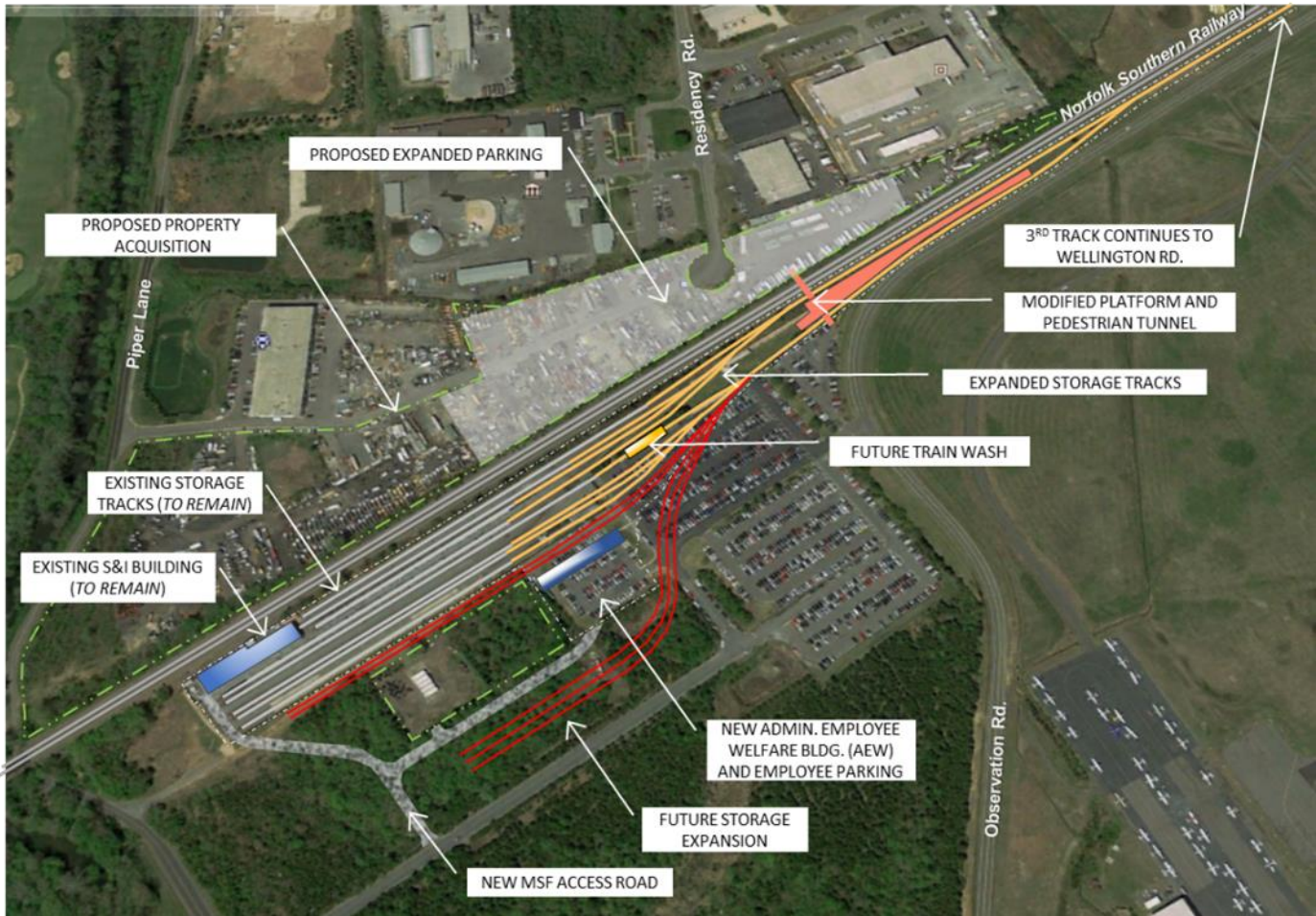
Phase	Start Date	Finish Date
Development	06/17/2016	02/28/2018
Property Acquisition	07/02/2018	01/29/2021
Final Design	09/21/2018	03/31/2022
Construction	04/01/2022	05/04/2023



- New Parking Garage and Pedestrian Bridge
- Final Design ongoing
- CM and Construction RFP in 4th Quarter 2021

Project Manager
Adeel Mysorewala
AMYSOREWALA@VRE.ORG

BROAD RUN EXPANSION



- Expansion includes station, equipment storage facility, parking and employee buildings plus new track in Norfolk Southern right-of-way
- Final design RFP procurement ongoing

Anticipated Project Schedule

Phase	Start Date	Finish Date
Development	08/21/2017	09/11/2020
Property Acquisition	08/21/2017	10/14/2022
Final Design	01/25/2021	01/19/2023
Construction	08/26/2022	11/06/2025

[Project Manager](#)

Adeel Mysorewala

AMYSOREWALA@VRE.ORG

Question & Answer Session

VRE Program & Projects (10 minutes)

VRE Staff

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